

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Shogo SUGIHARA</td> <td>11/15/2005</td> </tr> <tr> <td>Masahiro SUZUKI</td> <td>11/15/2005</td> </tr> <tr> <td>Koji HARADA</td> <td>11/15/2005</td> </tr> <tr> <td>Masahiro KASHIWAI</td> <td>12/13/2005</td> </tr> </tbody> </table>		Name	Execution Date	Shogo SUGIHARA	11/15/2005	Masahiro SUZUKI	11/15/2005	Koji HARADA	11/15/2005	Masahiro KASHIWAI	12/13/2005
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Masahiro KASHIWAI	12/13/2005										
<b>RECEIVING PARTY DATA</b>											
<b>Name:</b>	ONKYO Corporation										
<b>Street Address:</b>	2-1, Nisshin-cho, Neyagawa-shi										
<b>City:</b>	Osaka										
<b>State/Country:</b>	JAPAN										
<b>Postal Code:</b>	572-8540										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11323670</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11323670						
Property Type	Number										
Application Number:	11323670										
<b>CORRESPONDENCE DATA</b>											
<b>Fax Number:</b>	(216)621-6165										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
<b>Phone:</b>	2166211113										
<b>Email:</b>	msaralino@rennerotto.com										
<b>Correspondent Name:</b>	Mark D Saralino										
<b>Address Line 1:</b>	Renner, Otto, Boisselle & Sklar, LLP										
<b>Address Line 2:</b>	1621 Euclid Avenue, Nineteenth Floor										
<b>Address Line 4:</b>	Cleveland, OHIO 44115										
<b>ATTORNEY DOCKET NUMBER:</b>	ONKYP0119US										
<b>NAME OF SUBMITTER:</b>	Mark D Saralino										

**CH \$40.00 11323670**

Total Attachments: 2

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**ASSIGNMENT**

**WHEREAS:**

NAME(S) AND ADDRESS(ES) OF INVENTOR(S)

Shogo SUGIHARA  
c/o ONKYO Corporation  
2-1, Nisshin-cho, Neyagawa-shi  
Osaka 572-8540 JAPAN

Masahiro SUZUKI  
c/o ONKYO Corporation  
2-1, Nisshin-cho, Neyagawa-shi  
Osaka 572-8540 JAPAN

Koji HARADA  
c/o ONKYO Corporation  
2-1, Nisshin-cho, Neyagawa-shi  
Osaka 572-8540 JAPAN

Masahiro KASHIWA  
c/o ONKYO Corporation  
2-1, Nisshin-cho, Neyagawa-shi  
Osaka 572-8540 JAPAN

(hereinafter referred to as ASSIGNOR), have invented a certain invention entitled:

TITLE OF INVENTION

**COMMAND CONVERSION DEVICE AND CHARGING DEVICE FOR CONTENT REPRODUCTION DEVICE**

for which application for Letters Patent of the United States has been:

PARTICULARS OF APPLICATION

executed concurrently herewith,  
 filed under U.S. Application No. 11/323,670 on 12/30/2005, or  
 filed under Express Mail Label No. \_\_\_\_\_ on \_\_\_\_\_.

**WHEREAS:**

NAME, STATE OF INCORPORATION AND ADDRESS OF ASSIGNEE

ONKYO Corporation  
2-1, Nisshin-cho, Neyagawa-shi  
Osaka 572-8540 JAPAN

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention (including all inventions should said application be deemed to include multiple inventions).

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR(S) of the sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that ASSIGNOR has the full power to make this assignment and that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and that ASSIGNOR will testify as to the same in any legal proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and

enforce patent protection for said invention in all countries.

I authorize the patent attorney of record and/or having power of attorney in the U.S. patent application identified above to insert the serial number and filing date information for the patent application in the appropriate spaces in this assignment document when that information becomes available.

FULL NAME(S) OF  
INVENTOR(S)

Date November 15, 2005

Shogo Sugihara  
Shogo SUGIHARA

Date November 15, 2005

M. Suzuki  
Masahiro SUZUKI

Date November 15, 2005

Koji Harada  
Koji HARADA

Date December 13, 2005

M. Kashiwai  
Masahiro KASHIWAI

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